

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: To Be Assigned  
Applicant: Aaron Bond et al.  
Filed: Herewith  
Title: UNCOOLED AND HIGH TEMPERATURE LONG REACH TRANSMITTERS, AND  
HIGH POWER SHORT REACH TRANSMITTERS  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Attorney Docket: TNT-116US

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



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Attorney(s) for Applicant(s)

LLC/tmb

Enclosures: PTO Form 1449  
(5) References

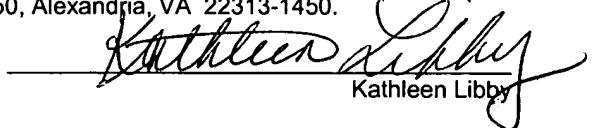
Dated: December 19, 2003

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The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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Kathleen Libby

Substitute for Form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 1

**C mplete if Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Aaron Bond et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned

Attorney Docket No. TNT-116US

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	1.	J. ZHANG ET AL., Laser Integrated Modulator Module for Uncooled, 10 Gbit/s 1550 nm Long-reach Data Transmission, Electronics Letters, Vol. 39, No. 25, December 11, 2003.	<input type="checkbox"/>
	2.	MILIND R. GOKHALE ET AL., Uncooled, 10Gb/s 1310 nm Electroabsorption Modulated Laser, Post-deadline Paper (PD-42), OFC, 2003.	<input type="checkbox"/>
	3.	W. CHOI ET AL., Full C-Band Tunable High Fibre Output Power Electroabsorption Modulator Integrated with Semiconductor Optical Amplifier, Electronics Letters, Vol. 39, No. 17, August 21, 2003, pp. 1271-1272.	<input type="checkbox"/>
	4.	WON-JIN CHOI ET AL., Low Insertion Loss and Low Dispersion Penalty InGaAsP Quantum-Well High-Speed Electroabsorption Modulator for 40-Gb/s Very-Short-Reach, Long-Reach, and Long-Haul Applications, Journal of Lightwave Technology, Vol. 20, No. 12, December 2002, pp. 2052-2056.	<input type="checkbox"/>
	5.	D.S. SHIN ET AL., 10 Gbit/s Transmission Over 50 km Nonzero Dispersion-Shifted Fibre Using 1.3 μm Directly Modulated Uncooled Transmitters, Electronics Letters, Vol. 38, No. 16, August 1, 2002, pp. 864-865.	<input type="checkbox"/>
			<input type="checkbox"/>
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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